L Number	Hits	Search Text	DB	Time stamp
1	222	717/128.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:04
2	187	717/136.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
3	190	717/158.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
4	193	717/114.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/19 14:05
-	472	(data adj structure).clm. and 717/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 12:19
-	2	(imperative with program$1) and (reduc$3 or eliminat$3) with (tedious or redundant) with code	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:10
-	0	(histor$3 and (program$1 with shorter)) and (reduc$3 with bookkeeping with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	1	(histor$3 and (program$1 with shorter)) and (eliminat$3 with bookkeeping with code)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	212	histor$3 and (program$1 with shorter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/11 16:50
-	3	("5327561" | "5448737" | "5659754").PN.	USPAT	2004/02/12 10:27
-	20	5768596.URPN.	USPAT	2004/02/12 10:28
-	4	("5327561" | "5448737" | "5659754" | "5768596").PN.	USPAT	2004/02/12 10:38
-	1	6131189.URPN.	USPAT	2004/02/12 10:57
-	0	702/186.ccls. and ((sav$3 or stor$3) with sequenc$2 with value$1 with variable$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:00
-	8	702/186.ccls. and ((sav$3 or stor$3) with value$1 with variable$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:04
-	16	702/187.ccls. and ((sav$3 or stor$3) with value$1 with variable$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/12 11:04

C:\APPS\EAST\Workspaces\09725983.wsp

00738589   **Image available**
COMPUTER CONTROLLED TOYS THAT PROVIDE MESSAGES TO THE USER
JOUETS A COMMANDE ELECTRONIQUE EMETTANT DES MESSAGES A DESTINATION DE L'UTILISATEUR
Patent Applicant/Assignee:
  CREATOR LTD, Gush Etzion Street 13, 54030 Givat Shmuel, IL, IL
    (Residence), IL (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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    (Nationality), (Designated only for: US)
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    (Nationality), (Designated only for: US)
  SANDLERMAN Nimrod, Churgin Street 44, 52356 Ramat Gan, IL, IL (Residence)
    , IL (Nationality), (Designated only for: US)
Legal Representative:
  SANFORD T Colb, Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200051697 A1 20000908 (WO 0051697)
  Application: WO 2000IL130 20000302 (PCT/WO IL0000130)
  Priority Application: US 99260931 19990302
Designated States: AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA
  CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility
  model) DM EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM
  HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
  MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT
  TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: A63F-009/24
International Patent Class: G06F-009/00; G09B-005/06
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 27075

English Abstract
  A method (figs. 10-13, 16-20, 25-37, 66, 69, 71, 75, 78, 80, 82, 88, 91,
  93 abd 96) and apparatus (figs. 1-9, 14-15, 21-24, 38-65, 70, 72-74,
  76-77, 81, 83-87, 89-90, 92 and 94-95) providing communication between a
  user and a computer network (120), audible at the location of a fanciful
  body (100), and providing oral motivational messages (fig. 29) to the
  user via this communication.

French Abstract
  L'invention concerne un procede (fig. 10-13, 16-20, 25-37, 66, 69, 71,
  75, 78, 80, 82, 88, 91, 93 and 96) et un appareil (fig. 1-9, 14-15,
  21-24, 38-65, 70, 72-74, 76-77, 81, 83-87, 89-90, 92 et 94-95) permettant
  a un utilisateur et a un reseau (120) informatique de communiquer, les
  communications audibles provenant d'un jouet (100). Ce procede et cet
  appareil emettent egalement, par l'intermediaire de ces communications,
  un message (fig. 29) oral stimulant a destination dudit utilisateur.

Legal Status (Type, Date, Text)
Publication   20000908 A1 With international search report.

...Collect and run preliminary
filters on data received from Push Client
Living object
2) Provide **logging   data** for the I Automatic download of Behaviors
from Pw Push Client so that it can...

27/5,K/30   (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00731927   **Image available**
**EXECUTING   PROGRAMS   FOR   A   FIRST COMPUTER ARCHITECTURE ON A COMPUTER OF A
    SECOND ARCHITECTURE**
**EXECUTION   DE   PROGRAMMES DESTINES A UNE PREMIERE ARCHITECTURE D'ORDINATEUR
    SUR UN ORDINATEUR A SECONDE ARCHITECTURE**
Patent Applicant/Assignee:
  ATI INTERNATIONAL SRL, Beaumont House, Hastings, Christ Church, BB, BB
    (Residence), BB (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  YATES John S Jr, 40 Pine Street, Needham, MA 02492, US, US (Residence),
    US (Nationality), (Designated only for: US)
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    US (Nationality), (Designated only for: US)
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  SAUND Gurjeet Singh, 100 N. Whisman Road #205, Mountain View, CA 94043,
    US, US (Residence), IN (Nationality), (Designated only for: US)
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  JURICH Dale R, 211 Bacigalupi Drive, Los Gatos, CA 95032, US, US
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  CAMPBELL Paul, 6652 Dana Street, Oakland, CA 94609, US, US (Residence),
    NZ (Nationality), (Designated only for: US)
Legal Representative:
  BOUNDY David E (agent), Shearman & Sterling, 599 Lexington Avenue, New
    York, NY 10022, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200045257 A2-A3 20000803 (WO 0045257)
  Application: WO 2000US2239 20000128 (PCT/WO US0002239)
  Priority Application: US 99239194 19990128; US 99322443 19990528; US
    99332263 19990611; US 99334530 19990616; US 99385394 19990830
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW

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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
```
Main International Patent Class: G06F-009/455
International Patent Class: G06F-009/318; G06F-009/38
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 48706

English Abstract
  A computer able to execute programs coded in either of two binary
  instruction sets. Memory is divided into regions, and each region is
  marked to indicate which of the two instruction sets are to be used to
  execute instructions fetched from that region. The native operating
  system manages contexts so that the operating system for the guest
  instruction set architecture can context switch, even if the process
  being context-switched out is a process in the native instruction set.
  Code in the guest instruction set is profiled to determine which portions
  are most profitably translated into the native instruction set.
  Circuitry recognizes when execution of a binary in the guest instruction
  set has reached a flow point for which a translated native equivalent
  exists. Concurrency controls protect the translated native code against
  modification by self-modifying code or DMA writes.

French Abstract
  La presente invention concerne un ordinateur capable d'executer des
  programmes codes dans l'un de deux ensembles d'instructions binaires. La
  memoire est divisee en regions, et chaque region est marque afin
  d'indiquer lequel des deux ensembles d'instructions est a utiliser pour
  l'execution des instructions appelees provenant de cette region. Le
  systeme d'exploitation natif gere les contextes de maniere a ce qu'il
  soit possible a ce systeme de changer de contexte pour l'architecture de
  l'ensemble d'instructions invite, meme si le processus apres changement
  de contexte est un processus en ensemble d'instructions natif. Le code,
  dans l'ensemble d'instructions invite, est passe en revue afin de
  determiner quelles parties sont avantageusement traduites en ensemble
  d'instructions natif. Les circuits reconnaissent lorsque l'execution d'un
  binaire dans l'ensemble d'instructions invite a atteint un point de debit
  pour lequel un equivalent natif traduit existe. Des commandes d'execution
  simultanee protegent le code natif traduit contre une modification a
  l'aide de code auto-modifiant ou d'ecritures d'adresse directe de memoire
  (DMA).

Claim
... the steps ofon a first CPU of a multiprocessor computer, executing a
program, and collecting **profile   data**
describing the **execution** of the **program** ;
on a second CPU of the multiprocessor, while the profiling of the
program continues, **analyzing**
the collected **profile   data** ;
controlling the **execution** of the **program** on the first CPU based at
least in part on the analysis of the collected **profile   data** .

25 A method, comprising the steps ofexecuting instructions on a computer,
instruction pipeline circuitry of...

 27/5,K/31   (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00730875   **Image available**
**PRINTED   MEDIUM   ACTIVATED   INTERACTIVE   COMMUNICATION   OF   MULTIMEDIA
    INFORMATION, INCLUDING ADVERTISING**
**COMMUNICATION   INTERACTIVE   MISE   EN   OEUVRE   PAR   UN   SUPPORT   IMPRIME
    D'INFORMATIONS MULTIMEDIA, Y COMPRIS PAR DE LA PUBLICITE**
Patent Applicant/Assignee:
  SILICON STEMCELL LLC, 100 Four Falls Corporate Center, Suite 211,
    Conshohocken, PA 19428, US, US (Residence), US (Nationality)
Inventor(s):
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  RITZ Peter B, 1225 Gilbert Road, Meadowbrook, PA 19046, US
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Legal Representative:
  LAVORGNA Gregory J, Seidel, Gonda, Lavorgna & Monaco, P.C., Two Penn
    Center Plaza, Suite 1800, Philadelphia, PA 19102, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200043862 A1 20000727 (WO 0043862)
  Application: WO 2000US1727 20000126 (PCT/WO US0001727)
  Priority Application: US 99236176 19990125
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-003/00
International Patent Class: G06F-017/27
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11238

English Abstract
  The present invention describes a revolutionary new device bridging the
  gap between the virtual multimedia-based Internet world and the real
  world, best exemplified by print media. More particularly, the invention

relates to communicating multimedia information using a scanner (100) for machine-readable code (10) containing a link information corresponding to a provider information (600) depicted on the printed medium (50), a user interface (120) for obtaining user input information corresponding to the provider information, a communication bridge for sending the link information and the user input information via the network, a receiver (180) in communication with the scanner, capable of receiving the link information and the user input information, and further capable of receiving and playing a multimedia information sequence (500), and a portal server (200) in communication with the scanner via the network capable of selecting a multimedia information sequence corresponding to the link information and the user input information.

French Abstract
La presente invention concerne un nouveau dispositif revolutionnaire qui permet de combler la lacune existant entre le monde virtuel d'Internet fonde sur le multimedia et le monde reel, dont l'exemple le plus representatif est les medias imprimes. De maniere plus specifique, cette invention concerne la communication d'informations multimedia a l'aide d'un dispositif de balayage (100) de code (10) lisible par machine contenant une information de lien correspondant a une donnee (600) de fournisseur presentee sur le medium imprime (50), une interface utilisateur (120) qui permet d'obtenir des informations d'entree d'utilisateur correspondant a la donnee de fournisseur, un pont de communication qui sert a envoyer l'information de lien et les informations d'entree d'utilisateur via le reseau, un recepteur (180) qui est relie au dispositif de balayage et peut recevoir l'information de lien et les informations d'entree d'utilisateur, et qui, en outre, peut recevoir et afficher une sequence (500) d'informations multimedia, et un serveur de portail (200) qui communique avec le dispositif de balayage via le reseau et qui est capable de selectionner une sequence d'informations multimedia correspondant a l'information de lien et aux informations d'entree d'utilisateur.

Legal Status (Type, Date, Text)
Publication   20000727 A1 With international search report.
Publication   20000727 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination   20010405 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
  Claims

Claim
... portal server maintains a tracking module working in conjunction with a statistics module collecting the **scanned** information on the basis of **code** types used in **scanning** the provider information and collecting demographic ?O information relating to the user personal **profile information** , link **information** , and user input information.

77 The system of claim 76, wherein the tracking module is...

27/5,K/32   (Item 32 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00579132   **Image available**

ADAPTABLE INTEGRATED-CONTENT PRODUCT DEVELOPMENT SYTEM
SYSTEME DE DEVELOPPEMENT DU PRODUIT A CONTENU INTEGRE ADAPTABLE
Patent Applicant/Assignee:
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  BICKNELL Barbara A,
  BICKNELL Kris D,
Inventor(s):
  BICKNELL Barbara A,
  BICKNELL Kris D,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200042505 A1 20000720 (WO 0042505)
  Application: WO 2000US987 20000114   (PCT/WO US0000987)
  Priority Application: US 99116123 19990115
Designated States: AE AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ
  DE DE DK DK DM EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
  KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW
  SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
  GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-009/44
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 23781

English Abstract
   A computer program product for product planning. The invention   has a
main project planning application with a hierarchial prod uct planning
architecture which is configured interactively with the project planning
tool user. The product development system is designed to increase the
probability of product or services success by reducing development time.
The invention reduces risk associated with development cycles by
integrating sufficient information into the develpment cycle. Risk of
future development of products and services is reduced by the
repeatability of activities captured by the invention.

French Abstract
   L'invention porte sur un progiciel de planification du produit.   Elle
presente une principale application de planification de   projet ayant
une architecture de planification du produit hierarchisee, configuree de
maniere interactive avec l'outil de planification de projet utilisateur.
Le systeme de developpement de produit est concu pour augmenter la
probabilite de succes du produit ou des services en reduisant le temps de
mise au point. Le procede de l'invention permet de diminuer les risques
associes aux cycles de developpement en integrant des informations
suffisantes dans ces cycles. Les risques lies au developpement ulterieurs
de produits ou de services sont limites par la repetabilite des activites
realisable grace au procede de l'invention.

Fulltext Availability:
  Claims

Claim
... Maintenance screen is displayed
  Enabled only if User Chance
  the user is the Maintenance Users
   app admin **Screen** a Chanoe User
  User Info
  Delete
  User

sy
consulting to support the product and...

27/5,K/33 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00573130 **Image available**
AUTOMATIC AND SELECTIVE TRANSFER OF SOFTWARE AND CONFIGURATION INFORMATION FROM A SOURCE COMPUTER TO A TARGET COMPUTER AND AUTOMATIC UPGRADE OF SOFTWARE
TRANSFERT AUTOMATIQUE ET SELECTIF D'UN LOGICIEL ET D'INFORMATIONS DE CONFIGURATION D'UN ORDINATEUR SOURCE A UN ORDINATEUR CIBLE ET AMELIORATION AUTOMATIQUE DU LOGICIEL
Patent Applicant/Assignee:
  PCFIRST COM INC,
Inventor(s):
  URBAN Avi,
  LOVEMAN Jason,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200036503 A2 20000622 (WO 0036503)
  Application: WO 99US30236 19991217 (PCT/WO US9930236)
  Priority Application: US 98114152 19981217; US 99466270 19991217
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
  RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
  CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-009/445
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13436

English Abstract
  The sofware program automatically and selectively transfers source
  computer software and configuration information to a target computer. The
  program automatically **scans** the source and target computers to detect
  software and configuration **information** . **Profile**s of both computers
  are created from the scanned information and stored in a database. The
  program analyzes the source and target computer profiles based on
  expert knowledge. Source computer software is automatically transferred
  to the target computer if the software is compatible or can be configured
  to work on the target computer. The program checks a data server, such as
  the Internet or another preprogrammed dial-up site, for upgrades and
  updates of the source computer software. If upgrades or updates are
  found, the program automatically installs them on the target computer.
  The software program of the present invention automatically upgrades and
  updates software on a remote computer of a user. The **program**
  automatically **scans** the remote computer to detect **software** and
  configuration **information** , creates a **profile** of the remote computer,
  and stores the profile in a database. The **program checks** a data
  server, such as the Internet or another preprogrammed dial-up site, for
  upgrades and updates of the software on the remote computer of the user.
  The user is electronically notified, such as by electronic mail, of
  upgrades and updates found. If the user electronically responds with a
  resquest for software upgrades or updates, the program automatically

knowledge residing on a server...COMPUTER -261
OF PRESENT INVENTION.
Figo 2F
SUBSTITUTE SHEET (RULE 26)
ES 276
SERVER COMPUTER **SOFTWARE** **ANALYZES** HOSE I STA
SOURCE AND TARGET COMPUTER **PROFILE** TO NEW SOFTWARE
INFORMATION BASED ON EXPERT PACKAGE
KNOWLEDGE RESIDING ON SERVER 263
COMPUTER OF PRESENT INVENTION.
TRANSFER SOFTWARE...

...DOCUMENTS
UPGRADE OR UPDATE IN MASTER LOG.
274
SU.8STITUTE SHEET (RULE 26)
/11
PROPRIETARY **SOFTWARE** AUTOMATICALLY
SCANS TARGET COMPUTER AND
AUTOMATICALLY DETECTS INSTALLED 282
SOFTWARE, DATA, AND CONFIGURATION
INFORMATION.
PROPRIETARY SOFTWARE CREATES 284
PROFILE OF **INFORMATION** DETECTED.
I
PROPRIETARY SOFTWARE STORES
PROFILE IN DATABASE ON SERVER 286
COMPUTER OF PRESENT INVENTION...DOCUMENTS
UPGRADE OR UPDATE IN MASTER LOG ON -382
SERVER COMPUTER OF PRESANT INVENTION.
PROPRIETARY **SOFTWARE** AUTOMATICALLY
Fig. K-B **SCANS** REMOTE COMPUTER OF THE USER
383- AND AUTOMATICALLY DETECTS INSTALLED
SOFTWARE, DATA, AND CONFIGURATION
INFORMATION.
I
PROPRIETARY SOFTWARE
384- CREATES **PROFILE** OF
INFORMATION DETECTED.
I
PROPRIETARY SOFTWARE UPDATES
DATABASE ENTRY FOR REMOTE
385- COMPUTER OF USER IN DATABASE...

 27/5,K/34   **(Item 34 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00571483   **Image available**
SYSTEM AND METHOD FOR CONTROLLING THE USAGE OF DIGITAL OBJECTS
SYSTEME ET PROCEDE PERMETTANT DE GERER L'UTILISATION D'OBJETS NUMERIQUES
Patent Applicant/Assignee:
  MEDIADNA INC,
Inventor(s):
  BENSON Greg,
  HACKBARTH Edward,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200034856 A2 20000615 (WO 0034856)
  Application: WO 99US29147 19991208 (PCT/WO US9929147)

English Abstract
  A system and method for managing the use and access of digital data
  objects. According to the invention, control rights associated with a
  digital data object activate an external control object and an intercept
  application to intercept and **monitor** communications between a hosting
  application and a document server application associated with the
  creation of the digital data object. These intercepting and monitoring
  functions are performed without affecting or changing the hosting
  application or the document server application. The external control
  object activates an intercept application which mimics the functions of
  the document server **application** and **performs** user actions on the
  digital data oject as authorized by the external control object according
  to the control rights associated with the digital object. By intercepting
  and monitoring user actions on a digital data object, the invention can
  control access and use of the digital data object. Additionally, the
  invention can **record histories** of user actions on the digital data
  object. Moreover, the invention can augment the functions of the document
  server application associated with digital data object. Further, for
  security reasons, the invention can restrict use of the digital object to
  only authorized users. In addition, this invention may accomplish these
  functions by implementation in connection with Microsoft's Active
  Document Specification, which is built upon the Microsoft Component
  Object Model (COM) architecture and which is part of Microsoft's Oject
  Linking and Embedding (OLE) family of technologies.

French Abstract
   La presente invention concerne un systeme et un procede permettant de
  gerer l'utilisation d'objets numeriques ainsi que leur acces. Selon
  l'invention, les droits de controle associes a l'objet numerise activent
  un objet de commande externe et une application d'interception, le but
  etant d'intercepter et de surveiller des communications entre une
  application hote et une application serveur de documents en rapport pour
  la creation de l'objet numerique. Ces fonctions d'interception et de
  surveillance se deroulent sans repercussions sur l'application hote ou
  sur l'application serveur de documents, ni modification de ces dernieres.
  L'objet de controle externe active l'application d'interception qui
  simule les fonctions de l'application serveur de documents et execute des
  actions utilisateur sur l'objet numerique selon l'autorisation qui est
  donnee par l'objet de commande externe en application des droits de
  controle associes a l'objet numerique. Grace a l'interception et a la
  surveillance des actions utilisateur sur l'objet numerise, il est
  possible de controler l'acces a cet objet et l'utilisation qui en est
  faite. De plus, cette invention permet de recapituler les actions
  utilisateur execute l'objet numerise. Elle permet egalement d'elargir les
  fonctions de l'application serveur de documents associee rapport avec
  l'objet numerique.our des raisons de securite par ailleurs, il est

possible de restreindre l'utilisation de l'objet numerique aux seuls
utilisateurs autorises. Pour l'execution de ces fonctions, la mise en
oeuvre peut se faire dans le cadre du Active Document Specification de
Microsoft, qui est une extension de l'architecture Component Object Model
(COM) de Microsoft et qui fait partie de la famille de Object Linking and
Embedding (OLE) de ce meme Microsoft.

English Abstract
   ...rights associated with a digital data object activate an external
   control object and an intercept **application** to intercept and **monitor**
   communications between a hosting **application** and a document server
   application associated with the creation of the digital data object.
   These...

   ...external control object activates an intercept application which mimics
   the functions of the document server **application** and **performs** user
   actions on the digital data oject as authorized by the external control
   object according...

   ...invention can control access and use of the digital data object.
   Additionally, the invention can **record** **histories** of user actions on
   the digital data object. Moreover, the invention can augment the
   functions...

27/5,K/35   (Item 35 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00568298
COLLECTION AND ANALYSIS OF USER PROFILE INFORMATION
COLLECTE ET ANALYSE D'INFORMATIONS DE PROFIL D'UTILISATEUR
Patent Applicant/Assignee:
  ANDERSEN CONSULTING LLP,
Inventor(s):
  HANDEL Sean,
  DAY Brian,
  YUEN Miya,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200031671 A1 20000602 (WO 0031671)
  Application: WO 99US27217 19991116 (PCT/WO US9927217)
  Priority Application: US 98196395 19981119
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ
  BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
  SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-017/60
International Patent Class: G06F-011/32
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 20848

English Abstract
   A system is disclosed that facilitates a web-based user network
   interface is created by obtaining user profile information from a
   database of user profile information. Then, the system gathers behavioral
   information from the user profile information and statistically analyzes

the behavioral information to generate graphs indicative of the user's
interaction with applications which are presented on a display utilizing
agent software. Agent software is also utilized to gather user profile
information pertaining to application usage and agent utilization to
determine characteristics of a user for use in tuning a consistent user
interface to applications.

French Abstract
   La presente invention concerne un systeme qui permet de creer une
interface usager-reseau accessible sur Internet au moyen de l'obtention
d'informations relatives au profil d'usager dans une base de donnees
d'informations de profils d'usager. Le systeme collecte ensuite les
informations relatives au comportement qui se trouvent dans les
informations de profils d'usager et analyse de maniere statistique les
informations de comportement pour generer des graphiques qui representent
l interaction de l'usager avec des applications qui sont presentees sur
un affichage a l'aide d'un logiciel agent. Le logiciel agent est
egalement utilise pour recueillir des informations de profil usager qui
concernent l'utilisation de l'application et l'utilisation de l'agent
pour determiner des caracteristiques d'un usager destinees a etre
utilisees pour regler une interface usager adaptee aux applications.

Fulltext Availability:
  Claims

Claim
... readable medium that creates an information summary, comprising:
   (a) a code segment that obtains user **profile   information** ;
   (b) a code segment that gathers behavioral **information** from the user
   profile   information ; (c) a **code** segment that **statistically**
   analyzes the behavioral information; (d) a **code** segment that generates
   graphs indicative of the user's interaction with applications; and (e) a
   ...

 27/5,K/36   (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00543727   **Image available**
SYSTEM AND METHOD FOR REMOTELY ANALYZING THE EXECUTION OF COMPUTER PROGRAMS
SYSTEME ET PROCEDE D'ANALYSE A DISTANCE DE L'EXECUTION DE PROGRAMMES
    D'ORDINATEUR
Patent Applicant/Assignee:
  MUTEK SOLUTIONS LTD,
Inventor(s):
  WYGODNY Shlomo,
  BARBOY Dmitry,
  PROUSS Georgi,
  VOROBEY Anatoly,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200007100 A1 20000210 (WO 0007100)
  Application: WO 99US17251 19990729 (PCT/WO US9917251)
  Priority Application: US 98126120 19980730; US 98126126 19980730
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE
  DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
  SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM
  AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-009/45

English Abstract
  A software system is disclosed which facilitates the **process** of tracing
  the **execution** paths of a **program** , called the client (102). The
  tracing is **performed** without requiring modifications to the
  executable or source **code** files of the client (102). **Trace data**
  collected during the **tracing** operation is collected according to
  instructions in a trace options file (120). At **run** time, the **tracing**
  library (125) attaches to the memory image of the client (102). The
  tracing library (125) is configured to monitor execution of the client
  (102) and to collect **trace data** , based on selections in the trace
  options file (120). The developer (112) then uses a trace **analyzer**
  program (106), also having a graphical user interface, to view the
  trace information . The system can **trace** multiple threads and
  multiple **processes** . The **tracing** library (125) is preferably
  configured to run in the same process memory space as the client (102)
  thereby **tracing** the **execution** of the client **program** without the
  need for context switches. The tracing system provides a remote mode and
  an online mode. In remote mode, the developer (112) sends the **trace**
  control **information** (120) to a remote user site together with a small
  executable image called the agent that enables a remote customer, to
  generate a trace file (122) that represents **execution** of the client
  application at the remote site. In online mode, the developer can
  generate **trace** options, **run** and **trace** the client (102), and display
  the trace results in near real-time on the display **screen** during
  execution of the client **program** .

French Abstract
  La presente invention concerne un systeme de logiciel facilitant le
  procede de suivi des chemins d' **execution** d'un **programme** , appele le
  client (102). Le tracage est effectue sans qu'il soit necessaire de
  modifier les fichiers du code source ou du **programme executable** du
  client (102). Les donnees de tracage collectees durant l'operation de
  tracage sont recueillies selon des instructions contenues dans un fichier
  d'options **trace** (120). A l' **execution** , la bibliotheque de tracage
  (125) s'attache a l'image memoire du client (102). La bibliotheque de
  tracage (125) est configuree afin de suivre l'execution du client (102)
  et de recueillir les donnees de trace, sur la base de selections dans le
  fichier d'options trace (120). Le developpeur (112) utilise alors un
  programme analyseur de trace (106), a l'aide aussi d'une interface
  utilisateur graphique afin de visualiser l' **information** de **trace** . Le
  systeme peut effectuer le tracage de multiples unites de traitement et de
  procede. La bibliotheque de tracage (125) est de preference configuree
  afin de s'executer dans le meme espace memoire d'execution que celui du
  client (102), ce qui permet un tracage de l' **execution** du **programme**
  client sans necessite de commutateurs de contexte. Le systeme de tracage
  comporte un mode en ligne et un mode a distance. Dans le mode a distance,
  le developpeur (112) envoie l' **information** de commande de **trace** (120)
  a un site d'utilisateur distant en meme temps qu'une petite image
  executable, appelee l'agent, qui permet a un utilisateur eloigne de
  generer un fichier trace (122) qui represente l' **execution** de l'
  application client au site distant. Dans le mode en ligne, le
  developpeur peut generer des options **trace** , **executer** et **tracer** le
  client (102), et afficher les resultats de trace pratiquement en temps
  reel sur l'ecran d'affichage lors de l' **execution** du **programme** client.

du **programme** client.

Claim
... process of identifying and isolating bugs within a client program
without requiring modifications to the **executable** and source **code**
files of the client program, the client program including at least a
source **code** representation, an **executable** **code** representation, and
build information that links the source **code** representation to the
executable **code** representation, the build information generated during
building of the executable representation from the source code...
...specify one or more elements to be traced, the first code module
configured to generate **trace** control **information** based on selections
by said developer of said source code elements to be traced, said first
code module using at least said build **information** to generate said
trace control **information** ;
@ a second code module that attaches to a memory image of said executable
representation of said client program based on said **trace** control
information , said second **code** module configured to **monitor**
execution of said client **program** and to generate, based on said
selections by said developer, **trace** **information** that reflects said
execution , said second **code** module configured to **run** in a same
context as said client program; and a third code module that translates
said **trace** **information** into a human-readable form based on at least
said build **information** , and displays translated **trace** **information**
on said display screen to allow said
developer to **analyze** the **execution** of said client **program** ;
wherein said second code module is adapted to be executed separately from
said first and third code modules, the system thereby enabling a
developer to remotely control and **evaluate** the tracing of said client
program .

2 A method of remotely debugging a client program which runs at a client
site...

...first code module that attaches to a memory image of said client
program, said first **code** module configured to **monitor** execution of
said client **program** and to generate **trace** **information** that reflects
said
execution; and
a second code module that translates said **trace** **information** into a
human-readable form, and displays translated **trace** **information** on a
display screen to allow said developer to **analyze** the **execution** of
said client
program .

6 The software system of Claim 5, wherein the first and second code
modules are...

...9 The software system of Claim 5, wherein said second code module
displays said translated **trace** **information** on said display **screen**
during execution of said client **program** .

10 The software system of Claim 5, wherein said second **code** module
provides an offline **analysis** mode which provides functionality for
interactively analyzing said **trace** **information** after the **monitoring**
of said client **application** has completed. 1 1. The software system of
Claim 5, wherein said second code module translates said **trace**
information into a human-readable form based on at least build
information, where said build information links said source **code**

representation to said **executable code** representation

12 The software system of Claim 1 1, wherein said build information is
generated...developer to interactively specify one or more elements to be
traced, said third code generating **trace** control **information** which is
used by said first **code**
module to **monitor** and **trace** said **execution** of said client **program**
.

21 The software system of Claim 20, wherein said third code module
modifies trace control...

...software system that facilitates the process of identifying and
isolating bugs within a plurality of **programs** each **running** one or
more threads, without requiring modifications to **executable** or source
code files of said programs, each of said programs including at least a
source **code** representation, an **executable code** representation, and
build information that links the source **code** representation to the
executable code representation, the build information generated during
building of the executable representation from the source code...

...a first user interface module that displays source code elements of one
or more source **programs** on a display **screen** together with controls
that enable a software developer to interactively specify one or more
source code elements to be traced, the first user interface module
configured to generate **trace** control **information** based on selections
by said developer of said source code elements to be traced, said first
user interface module using at least said build **information** to generate
said **trace** control **information** ; a first library module configured to
attach to a memory image of a first **process executing** a first
program , said first library module configured to use said **trace**
control **information** to **monitor execution** of said
first **program** and to generate first **trace information** ;
a second library module configured to attach to a memory image of a
second **process executing** a second **program** , said second library
module configured to use said **trace** control **information** and to
monitor execution of said second **program** and to generate second
trace information ; and a second user interface module that translates
said first and second **trace information** into a human
37
readable form based at least on said build information, and displays...
running program being one of said client programs, said first trace
library module configured to **monitor** execution of said first **running**
program and to generate first **trace information** that reflects
execution of said first **running**
 program ; and
a second trace library module that attaches to a memory image of a second
 running program , said second **running program** being one of said
client programs, said second trace library module configured to **monitor**
execution of said second **running program** and to generate second
trace information that reflects **execution** of
said second **running program** .

37 The **software** system of Claim 36, wherein said first and second trace
library modules are configured to...

27/5,K/37   (Item 37 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00539949   **Image available**
METHOD AND APPARATUS FOR COMPILING
PROCEDE ET APPAREIL DE COMPILATION
Patent Applicant/Assignee:
  SONY CORPORATION,
  FUKUZAWA Yuji,
  OKADA Tetsuya,
Inventor(s):
  FUKUZAWA Yuji,
  OKADA Tetsuya,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200003322 A1 20000120 (WO 0003322)
  Application: WO 99JP3710 19990708 (PCT/WO JP9903710)
  Priority Application: JP 98195586 19980710; JP 99188661 19990702
Designated States: CA US
Main International Patent Class: G06F-009/45
Publication Language: Japanese

English Abstract
    A source **program analyzer** (11) **performs** various **analyses** of a
    source **program** , generates **analysis** information on the source **program**
    , and stores it in a source **program analysis** information storage
    (12). Based on the **analysis** information in the source program analysis
    information storage (12), an executable- **program** generator (13)
    generates an executable program for generating **profile information** . A
    profile information generator (14) generates **profile information**
    based on the information obtained by the executing of the program. The
    executable-program generator (13) generates an optimized executable
    program based on the **analysis** information on the source **program**
    stored in the source **program analysis** information storage (12) and
    the **profile information** generated by the **profile** information
    generator (14).

French Abstract
    L'invention concerne un analyseur (11) de programme source qui effectue
    plusieurs analyses d'un programme source, genere des informations
    d'analyse du programme source et les memorise dans une memoire (12)
    d'informations d'analyse de programme source. Sur la base des
    informations d'analyse dans la memoire (12) d'informations d'analyse de
    programme source, un generateur de programme executable (13) genere un
    programme executable permettant de generer des informations de profil. Un
    generateur d'informations de profil (14) genere des informations de
    profil sur la base des informations obtenues en executant le programme.
    Le generateur de programme executable (13) genere un programme executable
    optimise sur la base des informations d'analyse du programme source
    memorises dans la memoire (12) d'informations d'analyse de programme
    source et des informations de profil generees par le generateur
    d'informations de profil (14).

English Abstract
    A source **program analyzer** (11) **performs** various **analyses** of a
    source **program** , generates **analysis** information on the source **program**
    , and stores it in a source **program analysis** information storage
    (12). Based on the **analysis** information in the source program analysis
    information storage (12), an executable- **program** generator (13)
    generates an executable program for generating **profile information** . A
    profile information generator (14) generates **profile information**
    based on the information obtained by the executing of the program. The

executable-program generator (13) generates an optimized executable **program** based on the **analysis** information on the source **program** stored in the source **program** **analysis** information storage (12) and the **profile** **information** generated by the **profile** **information** generator (14). ...

 27/5,K/38   (Item 38 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00537505   **Image available**
METHODS FOR INCREASING INSTRUCTION-LEVEL PARALLELISM IN MICROPROCESSORS AND DIGITAL SYSTEMS
PROCEDES PERMETTANT D'AUGMENTER LE PARALLELISME ENTRE INSTRUCTIONS DANS LES MICROPROCESSEURS ET LES SYSTEMES NUMERIQUES
Patent Applicant/Assignee:
  CHI-LAN WONG Derek,
Inventor(s):
  CHI-LAN WONG Derek,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200000878 A2 20000106 (WO 0000878)
  Application: WO 99US14299 19990626   (PCT/WO US9914299)
  Priority Application: US 9890782 19980626
Designated States: DE GB JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: G06F-009/30
International Patent Class: G06F-009/40; G06F-009/318; G06F-009/445; G06F-009/28; G06F-012/02; G06F-012/10
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 19482

English Abstract
   A micro-architectural method increases the performance of microprocessor and digital circuit designs by increasing the usable instruction-level parallelism during execution. The method can be applied to substantially increase the performance of processors in a broad range of instruction sets including CISC, RISC, and EPIC designs. Code blocks of instructions are transformed from the original instruction set architecture to a new instruction set architecture by an instruction stream transformation unit (102). The transformed code blocks are then cached in an instruction cache (104). The process increases processor performance by substantially increasing the instruction-level parallelism available during execution by an execution unit (100).

French Abstract
   Notre procede micro-architectural accroit les performances des microprocesseurs et des circuits numeriques en augmentant le parallelisme entre instructions utilisable durant l'execution. On peut employer ce procede afin d'augmenter sensiblement les performances des processeurs dans une vaste gamme d'architectures de jeux d'instructions, notamment dans les architectures CISC, RISC et EPIC. Les blocs de codage des instructions sont transformes par une unite de transformation des trains d'instructions, qui les fait passer de l'architecture du jeu d'instructions d'origine devant etre execute a une nouvelle architecture de jeu d'instructions. Les blocs de codage transformes subissent ensuite une gestion de type antememoire dans une antememoire de trains d'instructions. Ce procede de transformation accroit les performances des

processeurs par le fait qu'il augmente sensiblement le parallelisme entre
instructions utilisable durant l'execution.

Fulltext Availability:
  Claims

Claim
... numbers will increase
   monotonically but will not necessarily be sequential integers.)
   Also, several transformed ISA **code** blocks may be **executed** in
   sequence or the same **code** block may be **executed** several times due to
   branching. Therefore, the sequence numbers from different **code** blocks
   or sequential **executions** of the same block must be kept conceptually
   separate by the re-ordering hardware via sequential numbering of **code**
   blocks being **executed** or other sequential numbering mechanism.
   External interrupts
   External interrupts such as keyboard or disk interrupts...

...source operands of instructions being decoded must be checked against
   destination operands of instructions in **process** . For transformed ISA
   code , the **process** is simplified because the instructions within one
   parallel instruction tuple are known to be independent...

...checking may be minimal within a transformed code block. However, we
   still need inter-lock **checking** when crossing **code** block boundaries
   unless very conservative run-time scheduling is done at the boundaries. A
   particular...

...different prior instruction streams, so the execute unit must be able to
   do inter-lock **checking** at least at these **code** block boundaries. For
   original ISA code, incoming adjacent instructions might be dependent on
   each other...for preceding instructions or the preceding instruction
   might be outside of the current block of **code** being analyzed for
   transformation, the transformed **code** will indicate that normal
   dependency **checking** must be performed. The execute unit will then
   perform dependency checking against pending instructions or...
...more than 20 dependency checks per cycle. Some dependency checking
   hardware is required anyway to **execute** original ISA **code** at
   reasonable issue rates. It may be possible to use the same dependency
   checking hardware...to substitute a transformed code block for an
   original code block in the middle of **executing** the original **code**
   block; if so, mechanisms are needed to atomically update the caches with
   transformed code blocks...processor design for any ISA, not just
   processors which perform IS transformation. ee The proposed **history**
   tables for predicates, **data** hit/miss, value-prediction, and other
   run-time characteristics may be used in processor designs...

...not use IS transformation. For example, a dynamically-scheduled,
   super-scalar processor may use a **data** hit/miss **history** table to help
   perfonn dynamic scheduling. Our ideas for an execute unit which can
   switch...for predicates, data/hit miss, and ambiguous memory reads to
   support semi-dynamic and dynamic **code** scheduling. The **execute** unit
   supports dynamic and static register renaming. Sen-ii-dynamic code
   scheduling using ran-time **information** from the **history** tables to
   further optimize perforrnance   .
    Method #2 for precise interrupts
    Dependency vectors in the transformed...
...without instruction re-ordering. This is a method enabling processors of
   different parallel widths to **run** the same **code** fast without having to
   provide separate binaries for each processor. The original and

transformed ISA...

27/5,K/39   **(Item 39 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00529006   **Image available**
I*DOLL
POUPEE INTELLIGENTE
Patent Applicant/Assignee:
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  GABAI Oz,
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  COHEN Moshe,
Inventor(s):
  GABAI Oz,
  GABAI Jacob,
  SANDLERMAN Nimrod,
  COHEN Moshe,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9960358 A1 19991125
  Application: WO 99IL271 19990520 (PCT/WO IL9900271)
  Priority Application: US 9881889 19980520
Designated States: AE AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE
  DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
  KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
  SK SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG
  ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G01L-005/00
International Patent Class: H04N-007/04; A63F-009/22; H04B-007/00
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 85449

English Abstract
  Apparatus for a wireless computer controlled toy system is disclosed,
  the apparatus including a computer system (100, 105, 110) operative to
  transmit a first transmission via a first wireless transmitter (110) and
  at least one toy (120) including a first wireless receiver (130), the toy
  receiving the first transmission via the first wireless receiver and
  operative to carry out at least one action based on said first
  transmission. A method for controlling the toy system is also disclosed.

French Abstract
  L'invention concerne un appareil destine a un systeme de jouet commande
  sans fil par un ordinateur. L'appareil comprend un systeme informatique
  (100, 105, 110) qui sert a envoyer une premiere transmission au moyen
  d'un premier emetteur sans fil (110) et au moins un jouet (120) qui
  comprend un premier recepteur sans fil (130), ledit jouet recevant la
  premiere transmission au moyen du premier recepteur sans fil et agissant
  de maniere a executer au moins une action sur la base de la premiere
  transmission. L'invention concerne egalement un procede pour commander le
  systeme de jouet.

Fulltext Availability:
  Claims

Claim
... to the Profiling Service,
  after running client side filters, and perhaps computing
  client side aggregate **statistics** .
  Client Update Request Class;
  A message from the Push Client to the Push
  Server, through...Service Subsystem;
  The software that handles user registration
  through the web.
  Reporting Software Subsystem;
  The **software** that generates reports and **analysis** from usage **data**
  generated by the **Profiling** Service.
  Server Console Subsystem;
  The end-user software used to control LOIS. Runs on the...

  27/5,K/40   (Item 40 from file: 349)
  DIALOG(R)File 349:PCT FULLTEXT
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  00522344   **Image available**
  DISTRIBUTION OF SERVICES IN TELECOMMUNICATIONS NETWORK
  REPARTITION DE SERVICES DANS LE RESEAU DE TELECOMMUNICATIONS
  Patent Applicant/Assignee:
    NOKIA NETWORKS OY,
    TUUNANEN Heikki,
    PALVIAINEN Keijo,
  Inventor(s):
    TUUNANEN Heikki,
    PALVIAINEN Keijo,
  Patent and Priority Information (Country, Number, Date):
    Patent: WO 9953696 A2 19991021
    Application: WO 99FI301 19990409 (PCT/WO FI9900301)
    Priority Application: FI 98823 19980409; FI 981961 19980911
  Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
    ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
    LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
    UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD
    RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
    CG CI CM GA GN GW ML MR NE SN TD TG
  Main International Patent Class: H04Q-003/00
  Publication Language: English
  Fulltext Availability:
    Detailed Description
    Claims
  Fulltext Word Count: 9558

  English Abstract
    It is advantageous to distribute tasks of network services logically
  into separate service programs and also physically into several control
  points. A problem in task distribution is the single point of control,
  whereby only one service program at a time can control the call. The
  invention concerns a method of service distribution to several service
  programs (SLP). A control relationship is formed between the switching
  point (SSP, MSC) and the service program (SLP) providing it with
  instructions. The method according to the invention is characterized in
  that the controllability of the relationship is divided into
  controllability classes, of which at least one is allocated to the
  service program (SLP) controlling the switching point (SSP, MSC) so that
  each controllability class is allocated to only one service program at a

time, and the call is controlled by the service program within the
limitations of the control authorization of each controllability class.
French Abstract
    Il est avantageux de repartir des taches de services de reseau de
maniere logique sur des programmes de service distincts ainsi que,
physiquement, sur plusieurs points de controle. En matiere de ventilation
des taches, l'utilisation d'un seul point de controle pose un probleme
dans la mesure ou l'appel ne peut etre commande que par un seul programme
de service a la fois. La presente invention concerne une technique de
ventilation des services sur plusieurs programmes de service. Une
relation de commande etablie entre le point de commutation et le
programme de service permet d'attribuer des instructions a ce programme.
La technique selon l'invention se caracterise en ce que la gerabilite
d'une relation est subdivisee en classes de gerabilite, dont une au moins
est affectee au programme de service qui commande le point de
commutation. Ainsi chacune des classes de gerabilite est affectee a un
seul programme de services a la fois, l'appel etant commande par le
programme de services dans les limites de l'autorisation de commande de
chacune des classes de gerabilite.

Fulltext Availability:
  Claims

Claim   .
  ... information that the service program was due to be activated.
  Sometimes this is advantageous for **statistical** reasons, for example.
  Examples of such services are those which are to be performed totally...
  via another register, such as the Visited Location Register VLR. In some
  implementations the subscriber **profile   information** may also be
  updated by the SCP with non-call related instructions.
  When receiving instructions from a service **program** , the switching
  point **checks** whether the instructions are within the controllability
  class authorization of that service program. If they...

  27/5,K/41   (Item 41 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00317916
**METHOD AND SYSTEM FOR GENERATING STATISTICALLY-BASED MEDICAL PROVIDER
    UTILIZATION PROFILES**
**PROCEDE ET SYSTEME POUR GENERER SUR DES BASES STATISTIQUES DES PROFILS
    D'UTILISATION DE PRESTATIONS MEDICALES**
Patent Applicant/Assignee:
  MEDICODE INC,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9600423 A1 19960104
  Application: WO 95US7962 19950623 (PCT/WO US9507962)
  Priority Application: US 94264795 19940623
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
  IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB
  GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 20432

English Abstract

A method and system for analyzing historical medical provider billings to statistically establish a normative utilization profile. Comparison of a medical provider's utilization profile with a normative profile is enabled. Client data (101) is loaded from tape. Steps of reordering fields (103) and performing date of service expansion (104) are made. Data is then merged and sorted (106) to ensure all bill ID's are grouped together. Data (108) is then read, analyzed and merged into an extended data set (110). Any other processing (111) may occur and an episode of care (121) is created.

French Abstract

L'invention concerne un procede et un systeme pour analyser les historiques d'utilisation de prestations medicales et les couts afferents, pour etablir un profil d'utilisation standard. On peut ainsi comparer le profil d'un prestataire particulier avec ce standard. Les donnees concernant un client (101) sont chargees sur une bande. On procede a un rearrangement des zones (103) de la memoire et a un enregistrement des dates/durees des services (104). Les donnees sont fusionnees et triees (106) de maniere a ce que toutes les factures soient groupees par numero d'identification. On lit ensuite des donnees (108), on les analyse et on les fusionne pour avoir l'ensemble complet des donnees (110). On peut effectuer d'autres traitements (111) et creer un fichier pour les periodes de traitement (121).

Fulltext Availability:
  Claims

Claim
... A method as recited in claim 19, wherein said step of
  reviewing a patient medical **history** **record** further
  comprises:
  (a) accessing a plurality of parameter tables,
  (b) choosing a disease classification **code** for **review** ,
  (c) accessing said disease classification description table
  to verify safd diagnosis code is valid,
  (d...

...for medical records further
  comprises:
  (a) accessing a age/gender table,
  (b) accessing a region **statistic** table,
  (c) accessing a Zip/Region table,
  (d) accessing a Identifying code for reporting a medical
  service **statistic** table,
  (e) accessing a specialty table,
  (f) selecting said reference profiles,
  (g) accessing said age...

...standard
  age ranges and/or gender selection for said selected
  profile,
  (h) accessing said region **statistic** table to determine
  adjustments due to particular geographic regions for
  said selected profile,
  W accessing...

...geographic zip code falls within,
  (j) accessing said Identifying code for reporting a medical
  service **Statistic** table to identify what adjustments

due to a particular medical specialty, and
(k) accessing said...A method as recited in claim 28, wherein said step of
reviewing a patient medical **history** **record** further
comprises:
(a) accessing a plurality of parameter tables,
(b) choosing a disease classification **code** for **review** ,
(c) accessing a disease classification description table,
(d) accessing sdid disease classification description table
to...

...standard age
ranges and/or gender selection for said selected
profile,
(c) accessing a region **statistic** table to determine
adjustments due to particular geographic regions for
...geographic zip,code falls within,
(e) accessing an Identifying code for reporting a medical
service **Statistic** table to identify what adjustments
due to a particular medical specialty, and
(f) accessing a...

27/5,K/42 **(Item 42 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00234265   **Image available**
**SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND
   DECISION-MAKING MICROPROCESSOR INTERFACING**
**SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE
   AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE
   DECISION**
Patent Applicant/Assignee:
  STAR SEMICONDUCTOR CORPORATION,
Inventor(s):
  ROBINSON Jeffrey I,
  ROUSE Keith,
  KRASSOWSKI Andrew J,
  MONTLICK Terry F,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9308524 A1 19930429
  Application: WO 92US8954 19921014   (PCT/WO US9208954)
  Priority Application: US 91776161 19911015
Designated States: AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE
Main International Patent Class: G06F-009/00
International Patent Class: G06F-09:40
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 219172

English Abstract
   Architectures and methods are provided for efficiently dividing a
processing task into tasks for a programmable real time signal processor
(SPROC) (10) and tasks for a decision-making microprocessor (2120). The
SPROC is provided with a non-interrupt structure where data flow is
through a multiported central memory. The SPROC is also programmed in an
environment which requires nothing more than graphic entry of a block

diagram of the user's design. In automatically implementing the block
diagram into silicon, the SPROC programming/development environment
accounts for and provides software connection and interfaces with a host
microprocessor (2120). The programming environment preferably includes: a
high-level computer screen entry system which permits choosing, entry,
parameterization, and connection of a plurality of functional blocks; a
functional block cell library (2015) which provides source code   -
representing the functional blocks; and a signal processor
scheduler/compiler (2040) which uses the functional block cell library
(2015) and the information entered into the high-level entry system to
compile a program and to output source program code for a program memory
and source data code for the data memory of the SPROC, as well as a
symbol table which provides a memory map which maps SPROC addresses to
variable names which the microprocessor (2120) will refer to in
separately compiling its program.

French Abstract
    On decrit des architectures et procedes qui permettent de separer
efficacement une tache de traitement en taches destinees a un processeur
de signaux programmable fonctionnant en temps reel (SPROC)(10) et a un
microprocesseur de prise de decision (2120). Le SPROC est dote d'une
structure depourvue d'interruption ou le flux de donnees arrive par
l'intermediaire d'une memoire centrale a ports multiples. Il est aussi
programme dans un environnement n'exigeant rien d'autre que
l'introduction graphique d'un schema global relatif aux intentions de
l'utilisateur. Avec la realisation automatique du schema global dans le
silicium, l'environnement de programmation et de developpement du SPROC
prend en compte et fournit la connexion au logiciel et realise une
interface avec un microprocesseur hote (2120). Cet environnement de
programmation comporte de preference un systeme d'introduction a ecran
d'affichage perfectionne qui permet de choisir, introduire, parametriser
et fournit une connexion avec differents blocs fonctionnels; une
bibliotheque a cellules de bloc fonctionnel (2015) qui fournit un code
source representant les blocs fonctionnels; et un programmateur/compileur
pour processeur de signal (2040). Ce dernier utilise la bibliotheque a
cellules (2015) et l'information introduite dans le systeme
d'introduction perfectionne pour compiler un programme et delivrer en
sortie un code de programme source concernant une memoire du programme et
un code de donnees source destine a la memoire de donnees du SPROC, ainsi
qu'une table de symboles qu fournit une cartographie memorisee, contenant
les adresses donnees par le SPROC aux differents noms auxquels le
microprocesseur (2120) viendra se referer en compilant separement son
propre programme.

Fulltext Availability:
    Claims

Claim
...   of the registers in the GSP 400 to be written into desired locations
    in the **data** RAM 100. Then the GSP 400 is kept waiting until the wait
    flag stored in...placed on the appropriate bus, and the twenty-four bit
    data word located at the **data** or program RAM address which was placed
    on the appropriate bus is read and latched...SPROC chip. The SPROC chip
    will asynchronously fetch data from the requested internal RAM location.
    Data will be latched into the external controller when it drives the RD
    line HIGH again...I = input, 0 = output
    While the SPROC 10 aforedescribed with a data RAM 100, a **program** RAM
    150, a boot ROM 190, GSPs 400, DFMs 600, serial ports 700, and a...

...indicative of which RAM for which the data is destined, as the data RAM
    and **program** RAM are given distinct address spaces, as previously

described. On the output side, data received...application using a SPROC chip and the code generated by the development system. The preferred **process** of **programming** a SPROC is as follows. The designer must first define the signal **processing application** and determine design requirements. The design is then preferably placed by the designer in a ...development system is connected to a target analog subsystem, one can see how the design **performs** in the actual **application** ., To optimize the design, the designer can modify the values of data and observe the...

...the signal processing design can be ported for use in the end application. If the **application** is to **run** from a self-booting chip, the configuration file can be used to bum an EPROM...

...chip and its EPROM can be placed on a specific printed circuit board. If the **application** is to **run** from a microprocessor, the SPROClink microprocessor interface (SMI) helps the designer develop a microprocessor application...An auxiliary DC power cable daisy chains power from the interface unit to the SPROCboard **evaluation** board. The **software** components of the development system are described as follows: The SPROCIab development system shell executes...

...that includes an icon required to place a function in a signal flow diagram, the **code** required to **execute** the function, and specifications for the parameters required to define the cell. The SPROCfil filter...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: None defined
 Execution Time:
In line: **code** duration is 16 cycles maximum
Subroutine: code duration is 22 cycles maximum
Resource Usage:
In...

...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> K
 Execution Time:
In line: **code** duration is 10 cycles maximum
Subrouti= code duration is 17 cycles maximum
Resource Usage:
In...

...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> K
 Execution Time:
In line: **code** duration is 14 cycles maximum
Subroutine: code duration is 22 cycles maximum
Resource Usage:
In...Optional: zone = alphanumeric name of timezone (default is null zone)
OrCAD Macro Keys: None defined
 Execution Time:
In line-, **code** duration is 0 cycles
Resource Usage:
In line: 0 program RAM locations
0 data RAM...

...2.0 (fixed point format)
Parameters:
Required: none
Optional: none
OrCAD Macro Keys: None defined

Execution Time:
In line: **code** duration is 0 cycles
Resource Usage:
Inline: 0 program RAM locations
0 data RAM locations...

...that the filter file chosen matches the filter
type desired)
OrCAD Macro Keys: <ALT> F
Execution Time
In line: **code** duration is filter dependent
Resource Usage
In line: program RAM usage is filter dependent
data **Execution** Time:
In line: **code** duration is 47 cycles maximum
Subroutine: code duration is 50 cycles maximum.
Resource Usage
In...

...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> K
Execution Time:
In line: **code** duration is 8 cycles max'
Subroutine: code duration is 13 cycles maximum
Resource Usage:
In...

...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> K
Execution Time:
In line: **code** duration is 12 cycles maximum
Subroutine: code duration is 18 cycles maximum
Resource Usage
In...off I on (default is determined by the Schedule module)
OrCAD Macro Keys: <ALT> R
Execution Time:
In line: **code** duration is 9 cycles maximum.
Subroutine: code duration is 17 cycles maximum
Resource Usage:
In...

...The diagram is created by using a schematic capture package to arrange
and connect signal **processing** functions, or cells, in an order
representing the signal flow of the subsystem. A cell...

27/5,K/43   **(Item 43 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00216987   **Image available**
SYSTEM FOR FUNDING FUTURE WORKERS' COMPENSATION LOSSES
SYSTEME DE FINANCEMENT DE PERTES COMPENSATOIRES FUTURES POUR SALARIES
Patent Applicant/Assignee:
  RISK DATA CORPORATION,
Inventor(s):
  HAMMOND Mark S,
  BIANCO Vincent J,
  BONK James W,
  ZWANZIGER Jack,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 9214212 A1 19920820
  Application: WO 92US820 19920131 (PCT/WO US9200820)
  Priority Application: US 91424 19910206
Designated States: AT AU BE CA CH DE DK ES FR GB GR IT LU MC NL SE
Main International Patent Class: G06F-015/21
International Patent Class: G06F-15:30
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 12785

English Abstract
   A system is disclosed for funding future losses incurred by an insurance
   carrier on active workers' compensation insurance claims. Forecasting
   accuracy is improved by generation of statistical models (22) for the
   various claim types presented. Each model is applied to active claims
   (30) to obtain cost and duration predictions (46). Total cost predictions
   are proportioned among various cost categories to more accurately reflect
   acaudal and predicted claim costs. A reserve amount is calculated based
   on predicted cost less any amount paid to date. Balancing of the computed
   reserve amounts is achieved by use of a hypothetical fund for
   transferring reserve money from overpredicted claims to the reserves of
   underpredicted claims. A total reserve amount is calculated for each
   claim, and an aggregate reserve amount is calculated for all active
   claims.

French Abstract
   L'invention decrit un systeme de financement de pertes futures encourues
   par un assure dans des reclamations actives d'assurance compensatoire de
   salarie. L'exactitude previsionnelle est amelioree au moyen de la
   production de modeles statistiques (22) des differents types de
   reclamations presentees. Chaque modele s'applique a des reclamations
   actives (30) dans le but d'obtenir des previsions de couts et de durees
   (46). Les previsions de couts totales sont reparties entre differentes
   categories de couts pour reflechir plus exactement les couts de
   reclamations prevus et sans suite. On calcule un montant de reserve en se
   basant sur le cout previsionnel moins le montant regle a cette date. On
   effectue l'equilibrage des montants de reserve calcules au moyen d'un
   fond hypothetique servant a transferer l'argent de reserve provenant de
   reclamations surestimees vers les reserves de reclamations sous-estimees.
   On calcule un montant de reserve total pour chaque reclamation, ainsi
   qu'un montant de reserve global pour toutes les reclamations actives.

Fulltext Availability:
  Claims

Claim
... said active claims.

   35 The apparatus of Claim 34, wherein said means for
   generating a **statistical** model comprises:
    system computer (18); and
    computer **program** for processing and **analyzing**
   said **historical** **data** .
   36* The apparatus of Claim 34, wherein said means for
   applying said model to said...

00171378
OBJECT-ORIENTED, LOGIC, AND DATABASE PROGRAMMING TOOL
OUTIL DE PROGRAMMATION D'EXECUTION, LOGIQUE ET D'UNE BASE DE DONNEES
Patent Applicant/Assignee:
  EASTMAN KODAK COMPANY,
Inventor(s):
  MELLENDER Fredric H,
  STRAW Andrew G,
  RIEGEL Stephen E,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9004829 A2 19900503
  Application: WO 89US4687 19891023   (PCT/WO US8904687)
  Priority Application: US 88791 19881024
Designated States: AT BE CH DE FR GB IT JP LU NL SE
Main International Patent Class: G06F-009/44
International Patent Class: G06F-15:40
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 40470

English Abstract
  A programming tool is provided which integrates an object-oriented
  programming language system, a logic programming language system, and a
  database in such a manner that logic terms can be treated as objects in
  the object-oriented programming language system, objects can be treated
  as logic terms in the logic programming language system, and logic terms
  and objects are stored in the database in a common data structure format.
  Automatic management of the database is provided which is transparent to
  the user.

French Abstract
  L'outil de programmation integre un systeme de langage de programmation
  d'execution, un systeme de langage de programmation logique et une base
  de donnees, de maniere que les termes logiques puissent etre traites en
  tant qu'objets dans le systeme de langage de programmation d'execution,
  que les objets puissent etre traites en tant que termes logiques dans le
  systeme de langage de programmation logique, et que les termes logiques
  et les objets soient stockes dans la base de donnees dans un format de
  structure de donnees commun. La gestion automatique de la base de donnees
  est transparente pour l'utilisateur.
Fulltext Availability:
  Claims

Claim
... improvement claimed in claim 35, wherein a further improvement
  comprises: the interpreter replacing message sending **bytecodes** with
  block **evaluation   bytecodes** .

  38 In a Smalltalk **programming** language system, including a SmallItalk
  programming language, a compiler for translating Smalltalk source code
  into...

...a database manager for putting and retrieving objects in the database,
  and an interpreter for **executing** the interpreter **code** and generating
  calls to the database manager, the improvement comprising: debugger means
  for providing debugging capabilities such as -98 setting break points,

stepping through **program** **execution** , **tracing** **information** (e.g. messages, blocks, **bytecodes** , **processes**), and displaying values of data structures; said debugger means being integrated with the interpreter and...

?

? ds

Set	Items	Description
S1	5208	HISTORY OR HISTORIES OR HISTORICAL OR TRACE? ? OR TRACING? OR PROFIL??? ?
S2	51	CHRONOLOG??? ? OR CHRONOLOGUING
S3	2217	LOG OR LOGS
S4	893	LOGGED OR LOGGING
S5	1183	S1:S4(3N)(DATA OR INFORMATION OR RECORD? ?)
S6	81565	APP OR APPS OR APPLICATION? ? OR PROGRAM? ? OR PROGRAMMING OR PROGRAMME OR PROGRAMMES OR CODE OR CODES OR SOFTWARE OR SO-FT()WARE? ? OR SOURCECODE?
S7	1241	OBJECTCODE? OR CODING? ? OR BYTECODE?
S8	4500	S6:S7(5N)(ANALYS? OR ANALYZ? OR ANALYT? OR REVIEW? OR EVAL-UAT? OR INSPECT???? ? OR ASSESS????? ? OR EXAMIN?????? ? OR A-PPRAIS?)
S9	7907	S6:S7(5N)(MONITOR? OR TRACK??? ? OR SCREEN??? ? OR CHECK??? ? OR CHEQU??? ? OR DIAGNOS?)
S10	234	S6:S7(5N)(AUDIT OR AUDITS OR AUDITED OR AUDITING OR SCRUTI-N????? ?)
S11	552	S6:S7(5N)(SCAN OR SCANS OR SCANNED OR SCANNING)
S12	322	S5 AND S8:S11
S13	45	S12 AND STATISTIC?
S14	6	S13/2001:2003
S15	39	S13 NOT S14

? t15/7/11-12,17

15/7/11

01109941   DOCUMENT TYPE: Product

PRODUCT NAME: ACTIVITY MONITOR for DB2 (109941)

BMC Software Inc (467219)
2101 City West Blvd
Houston, TX 77042-2827 United States
TELEPHONE: (713) 918-8800

RECORD TYPE: Directory

CONTACT: Sales Department

BMC **Software** 's ACTIVITY **MONITOR** for DB2 (R) is a performance monitor
that automatically and transparently detects and repairs DB2 subsystem
performance problems. Tapping ACTIVITY MONITOR for DB2, administrators can
improve system and application performance; access detailed performance
data quickly; and monitor multiple DB2 systems from a single control
console. ACTIVITY MONITOR for DB2 can be customized to meet targeted user
requirements. The system accesses control blocks and **trace   records** ,
collecting more than 4,000 performance variables. ACTIVITY MONITOR for
DB2's Report Manager creates instant online and historical reports. The
Dynamic Cache SQL Statement report provides administrators with cache
statistics . ACTIVITY MONITOR for DB2 also includes automated tuning and
remote system monitoring features. The system can employ more than 75 tools
from BMC Software's OPERTUNE (R) program.

REVISION DATE: 021025

01080039   DOCUMENT TYPE: Product

PRODUCT NAME: TeVISTA 2.0 (080039)

Chevin Inc (717321)
113 N Washington St
Rockville, MD 20850 United States
TELEPHONE: (301) 816-0009

RECORD TYPE: Directory

CONTACT: Sales Department

Chevin's TeVISTA (TM) 2.0 streamlines network management, allowing
administrators to view node activity and router/switch loads, as well as
identify system usage by account. Additionally, systems administrators can
employ TeVISTA in defining network baselines and in handling protocol
capture and other troubleshooting processes. The system offers detailed
network performance reports. TeVISTA encompasses a central management
platform, distributed agents, and the HSRMON protocol, allowing systems
administrators to view network activity in real time. The system does not
hamper network performance. TeVISTA now offers an SNMP Reporter, which
displays information on up to 1,000 interfaces and MAC addresses, as well
as port utilization- **logging** . **Log   information** can be recorded to a
graph. TeVISTA also employs logon security and application lockdown
features. Even when machines are powered off and Visibility Agents
disappear, the system's aggregator component can maintain **statistical**
collections. TeVISTA delivers a conversation count of 30,000.

REVISION DATE: 20020430

00126657   DOCUMENT TYPE: Review

PRODUCT NAMES: Service Level Reporter 1.0   (025151)

TITLE: WebManage's Service Level Reporter Details Performance
AUTHOR: MacVittie, Lori
SOURCE: Network Computing,   v11 n19 p36(2) Oct 2, 2000
ISSN: 1046-4468
HOMEPAGE: http://www.NetworkComputing.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

WebManage Technologies' Service Level Reporter 1.0, an excellent data
gathering product, can help provide 'accurate reporting **statistics** to the
people that need them' to better manage clustered servers. Service Level
Reporter 1.0's back-end agents and advanced communication system can
compile and display a full view of a site, including front-end services

running on multiple systems and individual devices in the farm. During
testing, installation of components was very easy, and wizards helped in
configuring a few options. Data gathered can be stored in any Open Database
Connectivity (ODBC) database. Service Level Reporter 1.0 uses Logxlerator
technology to collect and keep log files from agents and stores the
information in a database. SLR automatically delivers the reports, which
are created from aggregated **log** files. Among **data** reported are views of
bandwidth utilization, subscribed and real error rates, performance
statistics , and response times. Metrics can be seen in class, user, or
application views. Although Service Level Reporter 1.0 is complicated to
configure, WebManage streamlines the process somewhat by making any options
that can be prefilled with values ready to go. The installation guide is
very complete, and testers could configure Service Level Reporter without
any difficulty.

REVISION DATE: 20020630
? t15/3,6,8,10,18

 15/18/1 `
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 15/7/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01751626   DOCUMENT TYPE: Product

PRODUCT NAME: I/Watch (751626)

Quest Software Inc (511285)
8001 Irvine Center Dr
Irvine, CA   92618   United States
TELEPHONE: (949) 754-8000

RECORD TYPE: Directory

CONTACT: Sales Department

I/Watch (TM) from Quest **Software** is a complete enterprise **monitoring**
solution for databases, **applications** , and operating systems. I/Watch
eases the management of Oracle database and the Oracle E-Business Suite
environment by providing proactive information that helps DBAs identify and
correct defined performance exception conditions. It runs unattended and
alerts administrators of impending problems. Once notification of the
problem is received, I/Watch takes the DBA through the necessary steps to
respond, from pinpointing the problem all the way to its final resolution.
I/Watch provides sophisticated historical replay and analysis capabilities
to identify the causes of the problem. I/Watch's multi-tier architecture
uses many low-level DBMS and operating system monitoring techniques to keep
a continuous watch on specified exception conditions or performance
characteristics. Data gathered by I/Watch can be configured to provide
early notification, should the same conditions reoccur. I/Watch can even be
programmed to take automatic corrective action, thus minimizing the chances
of the problem reoccurring. Other features include a capacity to help tune
the environment for optimal performance, recommendations for configuration
changes, and identification of bottlenecks. I/Watch also provides alarming
and alerting, including e-mail, pager, and SNMP support; comprehensive
statistical and **historical** **data** collection; graphical analysis tools;
historical analysis tools; diagnostics with tuning recommendations;
extensible and open architecture; a scripting language; hands-off

operation; Web integration, including remote access support; and a tool for
managing Concurrent Manager workloads.

REVISION DATE: 20030706

15/7/6
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01468495   DOCUMENT TYPE: Product

PRODUCT NAME: TRIM (468495)

Treehouse Software Inc (548774)
409 Broad St #140
Sewickley, PA 15143-1518 United States
TELEPHONE: (412) 741-1677

RECORD TYPE: Directory

CONTACT: Sales Department

TRIM from Treehouse **Software** is a performance **monitor** for ADABAS and
Natural, which provides robust online **statistics** about ADABAS and Natural
usage. TRIM features a real-time monitor that provides more than 300 online
performance **statistics** that track ADABAS activity by user, minute, job,
and program, as well as a batch facility that provides total resource
utilization **statistics** from summary or detail **log**   **data** .

REVISION DATE: 20020127

15/7/8
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01236195   DOCUMENT TYPE: Product

PRODUCT NAME: VSAMTUNE (236195)

Macro 4 Plc (352853)
Orangery, Turner Hill Rd Worth
Crawley, W Sussex, RH10 4SS United Kingdom
TELEPHONE: ( ) 129-3872000

RECORD TYPE: Directory

CONTACT: Sales Department

VSAMTUNE optimizes VSAM performance. Users can automatically collect
dataset **statistics** each time a VSAM dataset is closed and perform online
workload management to highlight datasets most in need of attention.
VSAMTUNE features tuning and online job submission and dynamic buffering;
performs online reporting of datasets; produces tailorable batch reporting;
and provides VSAM edit and browse. It can be integrated with all other
Macro 4 VSAM products. Users can cross check collected information with the
catalog and write it to a self-maintaining history file. VSAMTUNE makes
accurate **historical**   **data** always available for all datasets across all
real and virtual machines and can be used to plan for future growth and

tuning.

REVISION DATE: 20030723

15/7/10
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01115819   DOCUMENT TYPE: Product

PRODUCT NAME: Sniffer Basic (115819)

Sniffer Technologies (710199)
3965 Freedom Cir
Santa Clara, CA 95054 United States
TELEPHONE: (972) 308-9960

RECORD TYPE: Directory

CONTACT: Sales Department

Sniffer Technologies' Sniffer Basic analyzer is a fault and performance
management tool that captures data, monitors network traffic, and collects
statistics . Sniffer Basic provides IT staff with information required for
troubleshooting and management tasks. The analyzer can support small
business, remote office, and departmental office systems. Its
straightforward interface displays captured data quickly, and its tracking
of daily and **historical** network usage **information** streamlines planning
processes. Sniffer Basic's Traffic Map and traffic matrix features identify
users. Host tables identify bandwidth problems. Sniffer Basic also provides
administrators with protocol distribution information. The product can
capture data from multiple network interfaces, display previously captured
data, and monitor network **statistics** simultaneously. It can also generate
threshold alarms and automatically discover network hosts. Sniffer Basic
records alarm information. Alerts can be forwarded to e-mail, beeper, or
pager systems. The system's traffic generator feature allows developers to
test network hardware and software.

REVISION DATE: 20021030

15/7/18
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00125374   DOCUMENT TYPE: Review

PRODUCT NAMES: iVision 1.0   (015661)

TITLE: iVision QOS Network Analyzer Gets Under the Hood of Your Net
AUTHOR: Morrissey, Peter
SOURCE: Network Computing,   v11 n15 p24(2) Aug 7, 2000
ISSN: 1046-4468
HOMEPAGE: http://www.NetworkComputing.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

NetCalibrate's iVision 1.0 QOS analyzer, a network analysis package with a

difference, has the unique ability to track events at a 1-second level. It
also provides real-time alerts and flexible reporting abilities. Network
engineers or operators have to be made aware of conditions in an enterprise
TCP-based network that could indicate poor performance. Such alerts are
helpful when an outage brings down the whole network unexpectedly. iVision
monitors the state of TCP sessions and leverages trends indicated by the
TCP protocol. Bandwidth usage is also tracked for protocol, host, or an
entire circuit. iVision shows **statistics** in a real-time graph generated
by a Java-based GUI, and another window shows the status of over a dozen
TCP-based protocols. Users can adjust thresholds easily and add port
numbers, or ranges of ports, to **track** additional **applications** . Events
are **logged** , as are **records** for every threshold exceeded. Data provided
allows users to see potential performance glitches related to each
individual user and server. Users can also define an individual IP address
to track for such information as bandwidth utilization and round trip-time
(RTT) and packet-loss events counted for the host. EtherNet and Fast
EtherNet lines are supported, but NetCalibrate plans to add support for T1,
ATM, and gigabit media.

REVISION DATE: 20020630
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 15/7/22
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00113276   DOCUMENT TYPE: Review

PRODUCT NAMES: **Mentor** **(705471); Surveyor (665941); Pegasus (727059);
Chisel (682985)**

TITLE: **Not your average test tools**
AUTHOR: Bruno, Charles Kilmartin, Greg
SOURCE: Network World,   v15 n42 p91(4) Oct 19, 1998
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Wandel & Goltermann's WG Mentor, Shomiti's Surveyor, IXIA Communications'
IXIA 1600, Ganymede Software's Pegasus, and Network Tools' Chisel are among
compared bleeding-edge network test tools. WG Mentor, a powerful
diagnostics tool and interactive expert protocol analyzer system, runs on
Windows NT/98 to analyze data by imitating an engineer's activities. WG
Mentor also provides advice on how to prevent problems on EtherNet and Fast
EtherNet LANs. It monitors connections with an eye to finding such errors
as TCP retransmissions and connection resets. Surveyor, an expert analysis
system, gathers unusually large amounts of **statistical** **data** such as
conventional **trace** -file **data** trapped by protocol analyzers. Surveyor
has some analysis features similar to those of WG Mentor, but employs
user-set thresholds to locate network errors; WG Mentor provides passive
reports. Its Simple Network Management Protocol (SNMP)-based alerts provide
finer detail. For example, users can be informed as to how many broadcast
packets were transported in the previous 3 seconds. Pegasus is an example
of a new type of tool that quantifies the throughput and monitors
connectivity of data services guaranteed by service level agreements.
Chisel is a specialized test tool and SLA measurement tool that can test
network connectivity, user response time, and throughput. Other products

reviewed include Network Instruments' Observer 5.0 and Netcom Systems'
SmartBits SMB-2000.

REVISION DATE: 20021226

15/7/23

00111316   DOCUMENT TYPE: Review

PRODUCT NAMES: Sniffer Basic 3.0 (319741)

TITLE: Sniffer Basic
AUTHOR: Cranford-Petelle, Buffy
SOURCE: PC Today,   v12 n9 p45(1) Sep 1998
ISSN: 1040-6484
HOMEPAGE: http://www.pctoday.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Network Associates provides network protocol analysis and monitoring with
its Sniffer Basic 3.0. The offering works well for remote offices,
departmental networks, or small businesses. With Sniffer Basic, the
administrator can compile **data** for a **history** of network usage, do
planning for network changes, and accommodate a growing network. The
software supports real-time **analysis** for showing currently used
protocols and IPX transport processes, and can run IP **applications** .
Analyses are shown in traffic maps, matrices, plots, or other types of
charts. Sniffer can conduct several types of analyses and activities
simultaneously, including generating traffic and issuing alarms if preset
thresholds are exceeded. It can also capture data from multiple interfaces
on the network. **Statistics** area compiled for packet rates, error rates,
and utilization. Decoding with Sniffer Basic is available through most
network protocol suites, and it can decode more than 110 protocols. It
supports EtherNet, Fast EtherNet, Token ring, and 100VG LAN topologies.
Installation is easy, and the product excels at locating hardware on a
network.

REVISION DATE: 20020630

15/7/27

00110167   DOCUMENT TYPE: Review

**PRODUCT NAMES: Crystal Ball Pro 4.0 Windows/Macintosh   (017923); WINKS
Professional 4.5 Windows & Windows 95   (710369)**

TITLE: Letting the computer decide
AUTHOR: Null, Christopher
SOURCE: LAN Times,   v15 n17 p20(1) Aug 17, 1998
ISSN: 1040-5917
HOMEPAGE: http://www.lantimes.com

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Decisioneering's Crystal Ball Pro 4.0 for Windows and Macintosh and WINKS
Professional 4.5 for Windows 3.1/95/NT from TexaSoft are decision support
and **analysis   application** tools that aid network planners in predicting
system performance and graphically display information in a more reliable
way than the usual sketchy **historical   data** , which may not accurately
depict traffic flow on live networks. Crystal Ball Pro 4.0 is a spreadsheet
add-on that enhances Microsoft Excel and Lotus 1-2-3 on both the Windows
and Macintosh platforms. Many analysis reports and refreshingly visual
displays of business scenarios can be created in under 15 minutes, making
Crystal Ball an excellent choice. Bundled with the program is a Developer
Kit for allowing users to incorporate simulation routines into custom
Visual Basic applications. WINKS Professional requires more **statistical**
theory knowledge to use and is somewhat dated in referring to the `industry
standard dBASE' format it stores files in. More of a scientific tool than a
business solution, WINKS is very difficult to use.

REVISION DATE: 20010930

15/7/29
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00106810   DOCUMENT TYPE: Review

PRODUCT NAMES: RealSecure   (665703)

TITLE: Detecting Attacks on Networks
AUTHOR: Herringshaw, Chris
SOURCE: IEEE Computer,   v30 n12 p16(2) Dec 1997
ISSN: 0018-9162
HOMEPAGE: http://computer.org/computer

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Internet Security Systems' RealSecure, a real-time security system, uses a
distributed network architecture to protect organizations with complex
network topologies. This class of system encompasses a complete
organization by implementing monitoring agents on local networks, between
subnets, and on remote networks on the Internet. Agents analyze data
packets as they traverse a network for signs of external or internal
attack. It is an example of an intrusion detection system, a type of system
that has been used for about 10 years, mostly by large private and
government organizations. However, commercial intrusion-detection systems
are now available for organizations of smaller size. Network
intrusion-detection systems find external and internal security violations
as they occur and immediately notify security personnel and network
administrators by e-mail or pager. Several types of algorithms are used to
locate potential security glitches, including those for **statistical**
anomaly detection, rule-based anomaly detection, and a mixture of the two.
Statistical anomaly detection systems analyze audit- **log   data** for
unusual user and system activity, and assume that such behavior is evidence
of an attack under way. Rule-based detection monitors system logs and
resources, and looks for models that imitate an attack profile, while
hybrids use a rule base to check for known attacks and protect against new

types of attacks.

REVISION DATE: 20021024

15/7/30
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00106194   DOCUMENT TYPE: Review

PRODUCT NAMES: LANSleuth 4.0   (513113)

TITLE: Simplistic analyzer gets job done
AUTHOR: Garza, Victor R
SOURCE: InfoWorld,   v20 n10 p64C(2) Mar 9, 1998
ISSN: 0199-6649
HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

LANSleuth 4.0 from Systems & Synchronous could have a better interface, but
otherwise it is a good product at a very reasonable price. It does not
consume hardware resources and it is easy to install and use. This low-cost
packet analyzer can be set up on a nondedicated PC to gather network
statistics and monitor utilization in real-time. Unlike more expensive
software-only products, it does not have a slick interface, nor does it
support application-level protocols. Users wanting those features should
look to AG Group's EtherPeek and Network General's NetXRay. Strengths of
LANSleuth include an easy-to-use address book, robust protocol decoding for
a low price, and the **data   trace** can be captured to a hard drive for
larger **trace - history** files. The **data   trace** meter is represented by
a graphic equalizer and the filters are well-organized and easy-to-use.
There are two filters, a quick filter and the more extensive filter.
Filtering triggers can be set by time and date and can alert managers via
pager, fax, or e-mail. The interface to LANSleuth suffers most when it
comes to presentation of captured packet information. There are two
windows. The Packet window is well-thought-out, but the Trace window does
not enable the user to easily view the entire stream, including packet
data, without scrolling repeatedly to the right.

REVISION DATE: 20030625

15/7/31
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00106172   DOCUMENT TYPE: Review

**PRODUCT NAMES: PerformanceWorks SmartWatch Windows 95 & Windows NT
(687634)**

TITLE: Tool tracks   application performance
AUTHOR: Dryden, Patrick
SOURCE: Computerworld,   v32 n10 p49(2) Mar 9, 1998
ISSN: 0010-4841
HOMEPAGE: http://www.computerworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Landmark Systems' PerformanceWorks SmartWatch promises to provide a user's
eye view of how well client/server applications perform, and it partially
succeeds. SmartWatch **tracks** the performance of any **application** with a
Windows NT or Windows 95 front end. The product uses a small agent to
measure the time between when a user's request is made and the ensuing
screen update. It **logs** the **information** locally for retrieval, or it can
send the information to a central console. SmartWatch differs from other
client/server service-level monitors because it measures any change made
through the client operating system rather than targeting just a specific
application to gather information about. Other products **monitor** specific
applications and gather diverse **statistics** in order to report on the
service experienced by users of that application. These products include
those from Envive Corporation and Luminate Software. These products
specialize in reporting on performance by SAP R/3 applications. Other tools
from Candle and VitalSigns **Software** specialize on **monitoring**
transactions across an intranet or the World Wide Web. Performance report
software has long been available for mainframes, but SmartWatch is one of
the first to track user response times on PCs.

REVISION DATE: 20020819

15/7/32
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00106092   DOCUMENT TYPE: Review

PRODUCT NAMES: Bolero 2.0 Windows NT Beta   (614025)

TITLE: Web Analysis Dance Is EveryWare
AUTHOR: Backman, Dan
SOURCE: Network Computing,   v8 n22 p44(2) Dec 15, 1997
ISSN: 1046-4468
HOMEPAGE: http://www.NetworkComputing.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

EveryWare Development's Bolero 2.0 beta provides extensive analysis of Web
data and even includes information obtained by the unusual method of
tracking cookies. Bolero can handle large quantities of **historical** Web
accounting **data** and deliver Web usage reports to any Web-enabled desktop.
Bolero uses a run-time version of EveryWare's Tango Web-based database
reporting engine. With a full version of Tango for Windows NT, Bolero will
let the user define custom reports as well as use the 28 reports it
contains. Bolero encourages drilling down into its usage reports of the
historical activity **statistics** it collects in its database. **Logging**
information can be delivered to the database from Windows NT-based
Netscape Communications's FastTrack and Enterprise servers and Microsoft's
Microsoft Internet **Information** Server (IIS). Other **log** analyzers like
those from net.General or WebTrends take performance hits because they must
be run on the Web server itself, or else they must download log files from
the server and process them. Bolero is much closer to real-time reporting

because it uses server plug-ins to gather logs and compiles summaries only on the database. An attractive interface rounds out the package.

REVISION DATE: 20020630

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00103646   DOCUMENT TYPE: Review

PRODUCT NAMES: CUBE   (673871)

TITLE: Fiat Automates Manufacturing With PC Control
AUTHOR: McIlvaine, Bill
SOURCE: Managing Automation,   v12 n9 p73(2) Sep 1997
ISSN: 0089-3805
HOMEPAGE: http://www.managingautomation.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

ORSI America's CUBE, an open, versatile, enterprise-level integrated control and management system, was chosen by Fiat S.p.A. to automate and streamline plant operations. The company wants to shorten time to market, lower costs, guarantee high quality, and comply with certification standards, while making products based on customers' requirements and schedules. The first factory to have a complete process control and supervisory plant-information management system installed was the painting line. CUBE compacts multiple desktops into one console for emergency commands, so that operators can more quickly react when process changes are required. Operations are straightforward, and allow operators to show call and command inputs with a single keystroke. Functions for automated recording, alarming, and informing of faults and operational aberrations save operators time that would otherwise require manual **monitoring** . Among CUBE's models and **applications** are client/server **historical** data archiving and retrieval; event and batch management; **statistical** process control; maintenance support; and a real-time graphical expert system. New CUBE products from the vendor include CUBE-Track, a toolkit for development of manufacturing execution systems; CUBE-Web, an Internet/intranet data server; and SuperBatch, a batch management and scheduling system that uses Gensym's G2 expert system-based programming code.

REVISION DATE: 20010630

15/7/36
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00076569   DOCUMENT TYPE: Review

PRODUCT NAMES: Node Tracker 2.00 DOS   (556386)

TITLE: Node Tracker checks ailing LAN's health
AUTHOR: Phillips, Ken
SOURCE: PC Week,   v12 n10 p80(1) Mar 13, 1995
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Frye Computer Systems' Node Tracker 2.00 is an alternative to high-powered,
expensive network analyzers. Node Tracker can be used at a moment's notice
to check the status of NetWare connections. Node Tracker can quickly check
network activity and locate trouble spots, test connectivity, and **record**
a **history** of error **statistics** by node. The software can save a
tremendous amount of time, and is very intuitive to use. However, it has a
DOS interface and has high memory requirements. Where high-end network
analyzers operate on the two lowest layers of the OSI standard, Node
Tracker works on the next two OSI levels, the Network and Transport layers.
Consequently, it cannot monitor the contents of packets.

REVISION DATE: 20030728

15/7/38
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00070164   DOCUMENT TYPE: Review

**PRODUCT NAMES: ServerTrak for NetWare & SFT III 1.0 (527564); Saber
Server Manager 1.0 (524123)**

TITLE: NetWare Server-Snooping Rivals Boast Windows Faces
AUTHOR: Kahn, Scott Sweet, Lisa L
SOURCE: PC Week,   v11 n42 pN/1(3) Oct 24, 1994
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Two LAN monitoring and management packages for NetWare LANs are compared,
ServerTrak for Windows 1.0 (for network administrators needing
comprehensive network monitoring) and Saber Server Manager 1.0 (for network
administrators needing included network optimization guidance). Saber
Server Manager 1.0 is the easiest to use and learn, with the best
installation process, documentation, and online help. Intrak's ServerTrak
for Windows has excellent multiserver support and real-time **historical
data** collection, while Saber Server Manager is rated best for **historical
data** collection and remote server configuration. ServerTrak report
customizing received the best rating, and it includes 30 new **statistical**
analysis features. A particularly useful function shows **statistics**
concurrently for many servers.

REVISION DATE: 20020923
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